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Claims:

1.   A communication terminal device comprising:

a content obtainer for obtaining content data from
a desired content server via a network;

a content-type discriminator for discriminating a
content type of the obtained content data from a plurality of
predetermined content types;

a plurality of parsers corresponding to respective
ones of the plurality of predetermined content types, wherein
the obtained content data is parsed by a corresponding parser
depending on the discriminated content type thereof to produce
displaying information; and

a displaying section for displaying an obtained
content based on the displaying information.

2.   The communication terminal device according to
claim 1, wherein the plurality of predetermined content types
are determined by respective ones of information description
languages having no compatibility with each other.

3.   The communication terminal device according to
claim 2, wherein the information description languages include
HTML (Hyper Text Markup Language) and WML (Wireless Markup
Language).

4.   The communication terminal device according to
claim 1, wherein the content-type discriminator discriminates
a content type of the obtained content data by referring to a
code arranged at a predetermined location of the obtained
5   content data.

5.   The communication terminal device according to
claim 1, wherein the content-type discriminator discriminates
a content type of the obtained content data by referring to a
content-type indicating code included in a protocol header of
10 the obtained content data.

6.   The communication terminal device according to
claim 1, wherein the content-type discriminator discriminates
a content type of the obtained content data by referring to a
code arranged at a predetermined location of the obtained
15 content data before referring to a content-type indicating code
included in a protocol header of the obtained content data.

7.   A content displaying method in a communication
terminal device, comprising the steps of:
    a) obtaining content data from a desired content
20 server via a network;
    b) discriminating a content type of the obtained
content data from a plurality of predetermined content types;

c) parsing the obtained content data depending on a discrimination result of the step (b) to produce displaying information; and

d) displaying an obtained content based on the displaying information.

8.   The content displaying method according to claim 7, wherein the step (b) comprises the steps of:

b.1) storing a plurality of unique codes each indicating the plurality of predetermined content types;

b.2) searching the plurality of unique codes for a code arranged at a predetermined location of the obtained content data to discriminate the content type of the obtained content data; and

b.3) when no match is found in the step (b.2), checking a content-type indicating code included in a protocol header of the obtained content data to discriminate the content type of the obtained content data.

9.   The content displaying method according to claim 7, wherein the step (b) comprises the steps of:

b.1) storing a plurality of unique codes each indicating the plurality of predetermined content types;

b.2) checking a protocol header of the obtained content data to determine whether the obtained content data is described in a predetermined information description language;

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and

b.3) when it is determined that the obtained content data is not described in the predetermined information description language, searching the plurality of unique codes for a code arranged at a predetermined location of the obtained content data to discriminate the content type of the obtained content data, and

the step (c) comprises the steps of:

c.1) when it is determined that the obtained content data is described in the predetermined information description language, parsing the obtained content data based on description of the predetermined information description language to produce the displaying information; and

c.2) when it is determined that the obtained content data is not described in the predetermined information description language, parsing the obtained content data based on the discriminated content type of the obtained content data.

10.   The content displaying method according to claim 7, wherein the step (b) comprises the steps of:

b.1) storing a plurality of unique codes each indicating the plurality of predetermined content types;

b.2) checking a code arranged at a predetermined location of the obtained content data to determine whether the code is text data; and

b.3) when it is determined that the code is not text

data, searching the plurality of unique codes for a code arranged

at a predetermined location of the obtained content data to

discriminate the content type of the obtained content data, and

the step (c) comprises the steps of:

c.1) when it is determined that the code is text data,

parsing the obtained content data based on description of a

predetermined information description language to produce the

displaying information; and

c.2) when it is determined that the code is not text

data, parsing the obtained content data based on the

discriminated content type of the obtained content data.

11.   The content displaying method according to claim 7,

wherein the step (b) comprises the steps of:

b.1) storing a plurality of file name extensions

used in a predetermined communication protocol, each of the

file name extensions indicating the plurality of predetermined

content types; and

b.2) searching the plurality of file name extensions

for a file name extension of the obtained content data to

discriminate the content type of the obtained content data.

12.   The content displaying method according to claim 9,

wherein the predetermined information description language is

one of HTML (Hyper Text Markup Language) and compact HTML that

is a subset of the HTML.

13.　　The content displaying method according to claim 10,

wherein the predetermined information description language is

one of HTML (Hyper Text Markup Language) and compact HTML that

is a subset of the HTML.